Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A [[M]]method for the detection of marks (1, 1', 1") by ~~means of~~ a sensor array (10) for a printing machine, ~~**characterized in that**~~wherein the marks (1) on a first printing side (5) of a sheet (3) are detected, that the sheet (3) is turned over and shifted in a direction transverse to the transport direction, and that the marks (1') on a second printing side (6) of the sheet (3) are detected.

2. (Currently Amended) The [[M]]method ~~as in~~of Claim 1, ~~**characterized in that**~~wherein the marks (1) on the first printing side (5) of the sheet (3) are applied in transport direction, substantially in line with the marks (1") on a transport belt (11) for transporting the sheets (3).

3. (Currently Amended) The [[M]]method ~~as in~~of Claim ~~1 or~~ 2, ~~**characterized in that**~~wherein the sheet (3) is shifted in such a manner that the marks (1') on the second printing side (6) of the sheet (3) are aligned in transport direction, substantially in line with the marks (1") on the transport belt (11).

4. (Currently Amended) A [[P]]printing machine~~, preferably~~ for duplex printing on sheets (3) having detection marks (1, 1') on respective printing sides (5, 6) of such sheets ~~carrying out the method in accordance with Claim 1~~, ~~**characterized by**~~comprising a sensor array (10) for detecting the marks (1) on a first printing side (5) of a sheet (3), and after the sheet is turned over, and shifted in a direction transverse to the transport direction, detecting the marks (1') on a second printing side (6) of the sheet (3), and an alignment device (40) for shifting a sheet (3) in a direction transverse with respect to the transport direction after the sheet (3) has been turned over, in order to detect marks (1') on the second printing side (6), said marks being offset with respect to the marks (1) on the first printing side

(5).